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Attorney Docket No.: 022001-000842US Client Reference No.: P019C2

TOWNSEND and TOWNSEND and CREW LLP

y:\_\_\_\_\_\_Tiffany Wu

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

YULUN WANG ET AL.

Application No.: 10/737,195

Filed: December 15, 2003

For: A MEDICAL ROBOTIC ARM THAT IS ATTACHED TO AN

**OPERATING TABLE** 

Examiner: Unassigned

Art Unit: 3739

INFORMATION DISCLOSURE

STATEMENT UNDER 37 CFR §1.97 and

§1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references, can be found in Application No. 08/873,190, filed June 11, 1997 (Attorney Docket No. 022001-000841US).

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

YULUN WANG ET AL. Application No.: 10/339,077

Page 2

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that <u>no fee is required</u> for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

Mark D. Barrish Reg. No. 36,443

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, Eighth Floor San Francisco, California 94111-3834

Tel: 650-326-2400 Fax: 650-326-2422

MDB:rlj 60330045 v1

PTO/SB/08A (08-03) Substitute for form 1449A/PTO Complete if Known TE TRACE **Application Number** 10/339,077 ÎNFORMATION DISCLOSURE Filing Date January 7, 2003 STATEMENT BY APPLICANT First Named Inventor WANG, YULUN **Art Unit** 3739 (use as many sheets as necessary) **Examiner Name** Leubecker, John P. Sheet of 8 Attorney Docket Number 022001-000842US

			U.S. PATENT DO	CUMENTS+		
Examiner Initials*	Cite No.1	Document Number  Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY		Patentee or ited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	977,825	12-06-1910		rphy	
	AB	3,171,549	03-02-1965	Or	loff	
	AC	3,280,991	10-25-1966	Meltor	n et al.	
	AD	4,058,001	11-15-1977	Wax	man	
	AE	4,128,880	12-05-1978	Cray	/, Jr.	
	AF	4,221,997	09-09-1980	Flem	ming	
	AG	4,401,852	08-30-1983	Noso	et al.	
	AH	4,456,961	06-26-1984	Price	et al.	
	Al	4,460,302	07-17-1984	Morea	u et al.	
	AJ	4,474,174	10-02-1984	Petr	uzzi	
	AK	4,491,135	01-01-1985	Kle	ein	
	AL	4,503,854	03-12-1985	Ja	ko	
	AM	4,517,963	05-21-1985	Mic	hel	
	AN	4,523,884	06-18-1985	Cleme	nt et al.	4.0
	AO	4,586,398	05-06-1986	Yin	dra	
	AP	4,604,016	08-05-1986	Joy	усе	
	AQ	4,616,637	10-14-1986	Caspa		
	AR	4,624,011	11-18-1986	Watana	be et al.	
	AS	4,633,389	12-30-1986	Tanak	a et al.	
	AT	4,635,292	01-06-1987	Mori	et al.	
	AU	4,641,292	02-03-1987	Tunne	Il et al.	
	AV	4,655,257	04-07-1987	Iwas	shita	
	AW	4,672,963	06-16-1987		ken	
	AX	4,676,243	06-30-1987		man	,
	AY	4,728,974	03-01-1988	Nio		
	AZ	4,762,455	08-09-1988		an et al.	
	BA	4,791,934	12-20-1988		nett	
	BB	4,791,940	12-20-1988	Hirschfe		
	BC	4,794,912	01-03-1989		ia .	
	BD	4,815,006	03-21-1989		on et al.	
	BE	4,815,450	03-28-1989		itel	
	BF	4,852,083	07-25-1989		ıs et al.	
	BG	4,860,215	08-22-1989		raji	
	BH	4,863,133	09-05-1989		inell	
	BI	4,883,400	11-28-1989		n et al.	
	BJ	4,930,494	06-05-1990		na et al.	-
	BK	4,945,479	07-31-1990		olz et al.	
	BL		08-21-1990		aw	
	BM	4,949,717	10-23-1990		ssie	
		4,965,417	11-13-1990			
	BN BO	4,969,709 4,969,890	11-13-1990		a et al.	
<u> </u>	7	4,000,000	11 10-1000	<del>'</del>		
Examiner Signature				Date Considered		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 
Applicant's unique citation designation number (optional). 
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Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 
For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 
Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 
Applicant is to place a check mark here if English language Translation is attached. 60330045 v1

PTO/SB/08A (08-03) Substitute for form 1449A/PTO Complete if Known 10/339,077 **Application Number** INFORMATION DISCLOSURE Filing Date January 7, 2003 STATEMENT BY APPLICANT First Named Inventor WANG, YULUN Art Unit 3739 (use as many sheets as necessary) **Examiner Name** Leubecker, John P. 022001-000842US Sheet 8 Attorney Docket Number

		Document Number				
Examiner Initials*	Cite No.1	Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY		ratentee or ited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	BP	4,979,933	12-25-1990	Rui	nge	
	BQ	4,989,253	01-29-1991	Liang	et al.	
	BR	4,996,975	03-05-1991	Naka	mura	
	BS	5,019,968	05-28-1991	Wang	et al.	
	ВТ	5,020,001	05-28-1991	Yamam	oto et al.	
	BU	5,065,741	11-19-1991	Uchiyar	na et al.	
	BV	5,078,140	01-07-1992	Kw	oh	
	BW	5,086,401	02-04-1992	Glassm	an et al.	
	вх	5,091,656	02-25-1992	Ga	ıhn	
	CA	5,097,829	03-24-1992	Quise	nberry	
	СВ	5,097,839	03-24-1992	All	en	
	CC	5,098,426	03-24-1992	Sklar	et al.	
	CD	5,105,367	04-14-1992	Tsuchiha	ishi et al.	
	CE	5,109,499	04-28-1992	Inagan	ni et al.	
	CF	5,123,095	06-16-1992	Papadop	ulos et al.	
	CG	5,131,105	07-21-1992	Harrawo	od et al.	
	СН	5,142,930	09-01-1992	Allen	et al.	
	CI	5,145,227	09-08-1992	Monfo	ord, Jr.	
	CJ	5,166,513	11-24-1992	Keena	n et al.	
	СК	5,175,694	12-29-1992	Am	ato	
	CL	5,182,641	01-26-1993	Diner	et al.	
	СМ	5,184,601	02-09-1993	Puti	man	
	CN	5,187,574	02-16-1993	Kosemu	ıra et al.	
	СО	5,196,688	03-23-1993	Hesse	et al.	
	CP	5,201,325	04-13-1993	McEwe	en et al.	
	ca	5,201,743	04-13-1993	Habei	r et al.	
	CR	5,217,003	06-08-1993	W	ilk	
	CS	5,221,283	06-22-1993	Chi	ang	
	СТ	5,228,429	07-20-1993		ano	
	CU	5,230,623	07-27-1993	Guthri	e et al.	
	CV	5,236,432	08-17-1993	Matsen,	III et al.	
	CW	5,251,127	10-05-1993	Ra	ab	
	СХ	5,257,999	11-02-1993	Slane	tz, Jr.	
	CY	5,271,384	12-21-1993	McEwe	en et al.	
	CZ	5,279,309	01-18-1994	Taylo	r et al.	
	DA	5,282,806	02-01-1994		ber	
	DB	5,289,273	02-22-1994	La	ng	
	DC	5,289,365	02-22-1994		ell et al.	
	DD	5,299,288	03-29-1994		an et al.	
	DE	5,300,926	04-05-1994		eckl	
	DF	5,303,148	04-12-1994	Mattso		_
Examiner		*		Date	l	

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Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 
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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 8

	Complete if Known
Application Number	10/339,077
Filing Date	January 7, 2003
First Named Inventor	WANG, YULUN
Art Unit	3739
Examiner Name	Leubecker, John P.
Attorney Docket Number	022001-000842US

		Document Number			
Examiner Initials*	Cite No.1	Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	DG	5,304,185	04-19-1994	Taylor	
	DH	5,305,203	04-19-1994	Raab	
	DI	5,305,427	04-19-1994	Nagata	
	DJ	5,309,717	05-10-1994	Minch	
	DK	5,313,306	05-17-1994	Kuban et al.	
	DL	5,320,630	06-14-1994	Ahmed	
	DM	5,337,732	08-16-1994	Grundfest et al.	
	DN	5,339,799	08-23-1994	Kami et al.	
	DO	5,343,385	08-30-1994	Joskowicz et al.	
	DP	5,343,391	08-30-1994	Mushabac	
	DQ	5,345,538	09-06-1994	Narayannan et al.	
	DR	5,368,015	11-29-1994	Wilk	
	DS	5,368,428	11-29-1994	Hussey et al.	
	DT	5,371,536	12-06-1994	Yamaguchi	
	DU	5,388,987	02-14-1995	Badoz et al.	
	DV	5,395,369	03-07-1995	McBrayer et al.	
	DW	5,402,801	04-04-1995	Taylor	
	DX	5,403,319	04-04-1995	Matsen, III et al.	
	DY	5,408,409	04-18-1995	Glassman et al.	
	DZ	5,410,638	04-25-1995	Colgate et al.	
	EA	5,417,210	05-23-1995	Funda et al.	
	EB	5,417,701	05-23-1995	Holmes	
	EC	5,422,521	06-06-1995	Neer et al.	
	ED	5,431,645	07-11-1995	Smith et al.	
	EE	5,434,457	07-18-1995	Josephs et al.	
	EF	5,442,728	08-15-1995	Kaufman et al.	
	EG	5,445,166	08-29-1995	Taylor	
	EH	5,451,924	09-19-1995	Massimino et al.	
	EI	5,455,766	10-03-1995	Scheller et al.	
	EJ	5,458,547	10-17-1995	Teraoka et al.	
	EK	5,476,010	12-19-1995	Fleming et al.	
	EL	5,490,117	02-06-1996	Oda et al.	
	EM	5,506,912	04-09-1996	Nagasaki et al.	
	EN	5,512,919	04-30-1996	Araki	
	EO	5,544,654	08-13-1996	Murphy et al.	
	EP	5,562,503	10-08-1996	Ellman et al.	
	EQ	5,571,110	11-05-1996	Matsen, III et al.	
	ER	5,572,999	11-12-1996	Funda et al.	
	ES	5,609,560	03-11-1997	Ichikawa et al.	
	ET	5,626,595	05-06-1997	Sklar et al.	
	ΕŲ	5,629,594	05-13-1997	Jacobus et al.	

Examiner Signature Date Considered

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PTO/SB/08A (08-03) Substitute for form 1449A/PTO Complete if Known **Application Number** 10/339,077 INFORMATION DISCLOSURE Filing Date January 7, 2003 STATEMENT BY APPLICANT First Named Inventor WANG, YULUN Art Unit 3739 (use as many sheets as necessary) **Examiner Name** Leubecker, John P. Sheet of 8 Attorney Docket Number 022001-000842US

		Document Number			-
Examiner Initials*	Cite No.1	Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	E۷	5,630,431	05-20-1997	Taylor	
	EW	5,631,973	05-20-1997	Green	
	EX	5,636,259	06-03-1997	Khutoryansky et al.	
	EY	5,657,429	08-12-1997	Wang et al.	
	EZ	5,658,250	08-19-1997	Blomquist et al.	
	FA	5,676,673	10-14-1997	Ferre et al.	
	FB	5,695,500	12-09-1997	Taylor et al.	
	FC	5,696,574	12-09-1997	Schwaegerle	_
	FD	5,696,837	12-09-1997	Green	
	FE	5,718,038	02-17-1998	Takiar et al.	
	FF	5,737,711	04-07-1998	Abe	
	FG	5,749,362	05-12-1998	Funda et al.	
	FH	5,754,741	05-19-1998	Wang et al.	
	FI	5,776,126	07-7-1998	Wilk et al.	
	FJ	5,800,423	09-01-1998	Jensen	
	FK	5,807,284	09-15-1998	Foxlin	
	FL	5,807,378	09-15-1998	Jensen et al.	
	FM	5,810,880	09-22-1998	Jensen et al.	
	FN	5,813,813	09-29-1998	Daum et al.	
	FO	5,814,038	09-29-1998	Jensen et al.	
	FP	5,817,084	10-06-1998	Jensen	
	FQ	5,844,824	12-01-1998	Newman et al.	
	FR	5,859,934	01-12-1999	Green	
	FS	5,860,995	01-19-1999	Berkelaar	
	GA	5,882,206	03-16-1999	Gillio	
	GB	5,887,121	03-23-1999	Funda et al.	
	GC	5,931,832	08-03-1999	Jensen	
	GD	5,950,629	09-14-1999	Taylor et al.	•
	GE	6,024,695	02-15-2000	Taylor et al.	

				FOREIGN PA	TENT DOCUME	NTS		
Examiner	Cite	Foreign Patent Document				Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.1	Country Code <sup>3</sup>	Number⁴	Kind Code <sup>s</sup> (if known)	Publication Date MM-DD-YYYY	Applicant of Cited  Document	Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	GF	EP	A-0494943		Aug., 1995			
	GG	wo	91/04711		04-18-1991			
	GH	wo	92/20295		11-26-1992			

Examiner Signature	Date Considered	

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60330045 v1

PTO/SB/08A (08-03) titute for form 1449A/PTO Complete if Known **Application Number** 10/339,077 **INFORMATION DISCLOSURE** Filing Date January 7, 2003 STATEMENT BY APPLICANT First Named Inventor WANG, YULUN Art Unit 3739 (use as many sheets as necessary) **Examiner Name** Leubecker, John P. Sheet of 8 Attorney Docket Number 022001-000842US

			_	<b>FOREIGN PA</b>	TENT DOCUME	NTS		
<b></b>		Foreign Patent Document			Name of Patentee or	Pages, Columns, Lines, Where Relevant		
Examiner Initials*	Cite No. <sup>1</sup>	Country Code <sup>3</sup>	Number⁴	Kind Code <sup>4</sup> (if known)	Publication Date MM-DD-YYYY	Applicant of Cited  Document	Passages or Relevant Figures Appear	T€
	GI	wo	93/13916		07-22-1993			
	GJ	wo	94/18881		09-01-1994			
	GK	wo	94/26167	····	11-24-1994			
	GL	wo	97/15240		05-01-1997			
	GM	wo	98/25666		06-18-1998			
		1					]	

Examiner Signature	Date Considered	

ubstitute for form 1449B/PTO Complete if Known Application Number 10/339,077 INFORMATION DISCLOSURE Filing Date January 7, 2003 STATEMENT BY APPLICANT First Named Inventor WANG, YULUN 3739 Art Unit (use as many sheets as necessary) Examiner Name Leubecker, John P. Sheet 6 of 8 Attorney Docket Number 022001-000842US

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	GN	ABSTRACT of a presentation "3-D Vision Technology Applied to Advanced Minimally Invasive Surgery Systems" given at the 3rd World Congress of Endoscopic Surgery in Bordeaux, (18 to 20 June 1992), entitled "Session 15/3" (1 page total).	
	GO	ABSTRACT of a presentation "A Pneumatic Controlled Sewing Device for Endoscopic Application the MIS Sewing Instrument MSI" given at the 3rd World Congress of Endoscopic Surgery in Bordeaux, June 18-20, 1992 (1 page total).	
	GP	ABSTRACT of a presentation "Concept and Experimental Application of a Surgical Robotic System the Steerable MIS Instrument SMI" given at the 3rd World Congress of Endoscopic Surgery in Bordeaux, June 18-20, 1992 (1 page total).	
	GQ	ABSTRACT of a presentation given at the 3rd World Congress of Endoscopic Surgery in Bordeaux (18 to 20 June 1992), entitled "Session 15/2" (1 page total).	
	GR	ABSTRACT of a presentation given at the 3rd World Congress of Endoscopic Surgery in Bordeaux (18 to 20 June 1992), entitled "Session 15/5" (1 page total).	
	GS	ABSTRACT of a presentation given at the 3rd World Congress of Endoscopic Surgery in Bordeaux (18 to 20 June 1992), entitled "Session 15/4" (1 page total).	
	GT	ABSTRACT of a presentation given at the 3rd World Congress of Endoscopic Surgery in Bordeaux, (18 to 20 June 1992), entitled "Session 15/1" (1 page total).	
-	GU	BEJCZY, "Controlling Remote Manipulators through Kinesthetic Coupling," Computers in Mechanical Engineering 1983, pp. 48-60.	
	НА	BESANT et al., Abstract of a presentation "Camera Control for Laparoscopic Surgery by Speech-Recognizing Robot: Constant Attention and Better Use of Personnel," given at the 3rd World Congress of Endoscopic Surgery in Bordeaux, June 18-20, 1992 (1 page total).	
	нв	CHARLES et al., "Design of a Surgeon-Machine Interface for Teleoperated Microsurgery," IEEE 1989 (3 pages total).	
	нс	COLGATE, "Power and Impedance Scaling in Bilateral Manipulation," IEEE, 1991, pp. 2292-2297.	
	нр	CORCORAN, "Robots for the Operating Room," The New York Times, Sunday July 19, 1992, Section 3, Page 9, Column 1 (2 pages total).	
	HE	DAS et al., "Kinematic Control and Visual Display of Redundant Teleoperators," IEEE 1989 pp. 1072-1077.	
	HF	DOLAN et al., "A Robot in an Operating Room: A Bull in a China Shop," IEEE, 1987, pp. 1096-1097.	
	НG	GAYED et al., "An Advanced Control Micromanipulator for Surgical Applications," Systems Science Vol. 13, 1987, pp. 23-34.	

Examiner Date Signature Considered

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stitute for form 1449B/PTO **INFORMATION DISCLOSURE** STATEMENT BY APPLICANT (use as many sheets as necessary)

Sheet

	Complete if Known
Application Number	10/339,077
Filing Date	January 7, 2003
First Named Inventor	WANG, YULUN
Art Unit	3739
Examiner Name	Leubecker, John P.
Attorney Docket Number	022001-000842US

		NON PATENT LITERATURE DOCUMENTS	,
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	т
	нн	GREEN et al., Abstract of a presentation "Telepresence: Advanced Teleoperator Technology for Minimally Invasive Surgery," given at "Medicine meets virtual reality" symposium in San Diego, June 4-7, 1992 (20 pages total).	
	н	GREEN et al., Abstract of a presentation "Telepresence: Advanced Teleoperator Technology for Minimally Invasive Surgery," given at the 3rd World Congress of Endoscopic Surgery in Bordeaux, June 18-20, 1992 (2 pages total).	
	HJ	GREEN, Statutory Declaration of Dr. Philip S. Green, presenter of the video entitled "Telepresence Surgery - The Future of Minimally Invasive Medicine" (32 page total).	
	нк	GUERROUAD et al., "S.M.O.S.: Stereotaxical Microtelemanipulator for Ocular Surgery," IEEE, 1989, pp. 879-880.	
	HL	Inoue, "Force Feedback-Based Telemicromanipulation for Robot Surgery on Soft Tissues" (A.M. Inoue), IEEE 1989.	
	нм	INQUE et al., "Six-axis Bilateral Control of an Articulated Slave Manipulator Using a Cartesian Master Manipulator," Advanced Robotics, 4, No. 2, 1990, pp. 139-150.	
	HN	KAZEROONI, "Human/Robot Interaction via the Transfer of Power and Information Signals - Part I: Dynamics and Control Analysis," IEEE, 1989, pp. 1632-1640.	
	но	KAZEROONI, "Human/Robot Interaction via the Transfer of Power and Information Signals - Part II: An Experimental Analysis," IEEE, 1989, pp. 1641-1647.	
	HP	KRISHNAN et al., Abstract of a presentation "Design Considerations of a New Generation Endoscope Using Robotics and Computer Vision Technology," given at the 3rd World Congress of Endoscopic Surgery in Bordeaux, June 18-20, 1992 (1 page total).	
	HQ	LAVALLEE, "A New System for Computer Assisted Neurosurgery," IEEE, 1989, vol.11, pp. 926-927.	
_	HR	MAIR, Industrial Robotics, Prentice Hall, 1988, pp. 41-43, 49-50, 54, 203-209.	
	нѕ	MAJIMA et al., "On a Micro-Manipulator for Medical Application - Stability Consideration of its Bilateral Controller," Mechatronics, 1991, pp. 293-309.	
	нт	NASA, "Anthropomorphic Remote Manipulator", NASA Tech Briefs, 1991 (1 page total).	
	HU	PREISING et al., "A Literature Review: Robots in Medicine," IEEE, June 1991, pp. 13-22 & 71.	
	HV	TAUBES, "Surgery in Cyberspace," Discover Magazine, December 1994, pp. 85-92.	
	нw	TAYLOR et al., "Taming the Bull: Safety in a Precise Surgical Robot," IEEE, 1991, pp. 865-871.	

Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (08-03) Substitute for form 1449B/PTO Complete if Known 10/339,077 Application Number TNFORMATION DISCLOSURE Filing Date January 7, 2003 STATEMENT BY APPLICANT First Named Inventor WANG, YULUN 3739 Art Unit (use as many sheets as necessary) Examiner Name Leubecker, John P. Sheet Attorney Docket Number 022001-000842US

		NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No.1	Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item  (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s).						
	нх							
	нү	TENDICK et al., "Analysis of the Surgeon's Grasp for Telerobotic Surgical Manipulation," IEEE, 1989, pp. 914-915.						
	HZ	THRING, "Robots and Telechirs: Manipulator with Memory: Remote Manipulators: Machine Limbs for the Handicapped," Wiley & Sons, 1983 (26 pages total).						
	IA	Transcript of a video presented by SRI at the 3rd World Congress of Endoscopic Surgery in Bordeaux on June 18-20, 1992, in Washington on April 9, 1992, and in San Diego, CA on June 4-7, 1992 entitled "Telepresence Surgery - The Future of Minimally Invasive Medicine" (3 pages total).						
	IB	TREVELYAN et al., "Motion Control for a Sheep Shearing Robot," Proceedings of the 1st International Symposium on Robotics Research, MIT, Cambridge, Massachusetts, USA, 1983, pp.175-190.						
	IC	VIBET, "Properties of Master-Slave Robots," Motor-con, 1987, pp. 309-314.						
	ID	WOLF et al., "Student Reference Manual for Electronic Instrumentation Laboratories," Prentice Hall, New Jersey 1990, pp. 498-499.						

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Examiner	Date	
Signature	Considered	

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Angelie		PTO/SB/21 (04-04)				
(DELINE)	Application Number	10/339,077				
IRANSIVIIIIAL	Filing Date	January 7, 2003 WANG, YULUN 3739				
FORM	First Named Inventor					
(to be used for all correspondence after initial filing)	Art Unit					
	Examiner Name	Leubecker, John P.				
Total Number of Pages in This Submission	Attorney Docket Number	022001-000842US				
	ENCLOSURES (Check all the	hat apply)				
Fee Transmittal Form	Drawing(s)	After Allowance Communication to Technology Center (TC)				
	T	Appeal Communication to Board				

	ENCLOSURES (Check all that apply)									
	Fee Transmittal Form Fee Attached			Drawing(s)  Licensing-related Papers					to Technolo	After Allowance Communication to Technology Center (TC)
									Appeal Communication to Board of Appeals and Interferences	
	Amendment/Reply After Final Affidavits/declaration(s)  Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s)  Response to Missing Parts/			Ren	Petition Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Address Terminal Disclaimer Request for Refund CD, Number of CD(s)  Remarks The Commissioner is authorized to charge any additional fees to Defact the Account 20-1430.  Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please identify below): Return Postcard PTO Form SB/08A and SB/08B					ce, Brief, Reply Brief) Information er esure(s) (please ow):
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Typed or printed name Tiffany Wu				-						
Signa	iture		X 1	<u>ا</u> ر ،					Date	10/14/04